

Title (en)
RELOADABLE AUTO-INJECTOR

Title (de)
WIEDERAUFLADBARER AUTO-INJEKTOR

Title (fr)
AUTO-INJECTEUR RECHARGEABLE

Publication
EP 0825883 A1 19980304 (FR)

Application
EP 96914931 A 19960417

Priority
• EP 9601603 W 19960417
• FR 9504579 A 19950418

Abstract (en)
[origin: WO9632974A1] A reloadable auto-injector including a housing portion (1, 101) for holding a syringe (3), and a cover portion (2, 102). The auto-injector incorporates a device for automatically injecting the substance contained in the syringe. Said injection device comprises: a plunger (21) with an upper portion (21b) and a lower portion (21c), which lower portion (21c) engages the syringe plunger, while said plunger (21) is movable by an actuating spring (22) between a primed position and an end position, said spring (22) being compressed in said primed position; and triggering means (19) movably mounted between a locking position in which the plunger (21) is held in the primed position, and a position in which the plunger (21) is released, said triggering means (19) being released from the locking position by an actuating member. Said auto-injector further comprises means for repriming the automatic injection device, which repriming means are arranged to be actuated by the opening and/or closing of said cover portion (2, 102) of the auto-injector.

IPC 1-7
A61M 5/20

IPC 8 full level
A61M 5/20 (2006.01); **A61M 5/32** (2006.01)

CPC (source: EP US)
A61M 5/2033 (2013.01 - EP US); **A61M 5/3232** (2013.01 - EP US); **A61M 2005/2013** (2013.01 - EP US); **A61M 2005/202** (2013.01 - EP US); **A61M 2005/2073** (2013.01 - EP US)

Citation (search report)
See references of WO 9632974A1

Cited by
US10417937B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9632974 A1 19961024; DE 69606993 D1 20000413; DE 69606993 T2 20001026; EP 0825883 A1 19980304; EP 0825883 B1 20000308; FR 2733155 A1 19961025; FR 2733155 B1 19970919; JP H11503637 A 19990330; US 6099503 A 20000808

DOCDB simple family (application)
EP 9601603 W 19960417; DE 69606993 T 19960417; EP 96914931 A 19960417; FR 9504579 A 19950418; JP 53146296 A 19960417; US 93018998 A 19980716